

Form PTO-1449 (Rev. 8-88)	U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No.: 1500.66022	Serial No.:
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		Applicant: Hashizume et al.	
		Filing Date: November 30, 2001	Group:

U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
GRK	10-026763	Jan. 27, 1998	Japan	—	—	Abs.	—
↓	63-179323	Jul. 23, 1988	Japan	—	—	Abs.	—
↓	09-090383	Apr. 4, 1997	Japan	—	—	Abs.	—
↓	09-061829	Mar. 7, 1997	Japan	—	—	Abs.	—
↓	06-194615	Jul. 15, 1994	Japan	—	—	Abs.	—
↓	05-326451	Dec. 10, 1993	Japan	—	—	Abs.	—
↓	07-086247	Mar. 31, 1995	Japan	—	—	Abs.	—
↓	06-085045	Mar. 25, 1994	Japan	—	—	Abs.	—

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner: <i>SPK</i>	Date Considered: <i>11-14-2003</i>
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FOREIGN PATENT DOCUMENTS							
	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
GRK	09-015612	Jan. 17, 1997	Japan			Abs.	
	09-073096	Mar. 18, 1997	Japan			Abs.	
	08-157778	Jun. 18, 1996	Japan			Abs.	
	09-127528	May 16, 1997	Japan			Abs.	
	10-282502	Oct. 23, 1998	Japan			Abs.	
	2000-147795	May 26, 2000	Japan			Abs.	
	08-220547	Aug 30, 1996	Japan			Abs.	
	2000-258746	Sep. 22, 2000	Japan			Abs.	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
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	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
GRK	07-005405	Jan. 10, 1995	Japan			Abs.	/
	09-311340	Dec. 2, 1997	Japan			Abs.	/
	08-2811173	Oct. 29, 1996	Japan			Abs.	/
	05-115822	May 14, 1993	Japan			Abs.	/
	06-148657	May 27, 1994	Japan			Abs.	/
	06-254464	Sep. 13, 1994	Japan			Abs.	/
	04-300672	Oct. 23, 1992	Japan			Abs.	/
↓	05-265011	Oct. 15, 1993	Japan			Abs.	/

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						Yes	No
GRC	07-215566	Aug. 15, 1995	Japan			Abs.	
↓	06-214204	Aug. 5, 1994	Japan			Abs.	
↓	10-068921	Mar. 10, 1998	Japan			Abs/	

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